W٥	rk	O	rder	ID	56670
* * •		~	ıucı		

March 4, 2019 11:16:28 AM



Page 1

Item ID:

D209-669-043

Accept

Setup Start

Revision ID:

Item Name:

Replacement Skidtube

Start Date:

Required Date: 3/19/10

3/04/10

Start Qty: 1.00

Req'd Qty: 1.00

Cust Item ID: Customer:

Reference:

Approvals:

Process Plan:

Revision Nbr

Date: Date:

Tooling:

SPC (Y/N):

Date:

Date:

Run Start

Stop

Stop

Sequence ID/

Operation Work Center ID

QC:

Description

Set Up/ **Run Hours** Draw Number

Draw Rev.

Plan Accept Qty Code

Reject Qty

Reject Insp. Number Stamp

Draw Nbr

D2906 100

Rev B

DOCUMENT CONTROL

Memo

0.00

0.00

Document Control

Photocopy D209-669 bluefile & type labels per PPP D205-669-043 Chg 002

110

Skidtubes Skidtubes

Skidtubes

Memo

0.00

0.00

1- Inspect mat'l D2500-1-190 for damage

2-Cut D2500-1-190 per Dwg D2906 if necessaryDeburr ends

3-Acid etch and Alodine tube per QSI 005 4.1

Work Order ID 56670

March 4, 2010 11:17:33 AM



Page 2

Item ID:

D209-669-043

Accept



Setup Start



Stop

Revision ID:

Item Name:

Required Date: 3/19/10

Replacement Skidtube

Start Date:

3/04/10

Start Qty: 1.00

Req'd Qty: 1.00



Cust Item ID: Customer:

Draw

Number

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Stop

Start



QC:

Date:

SPC (Y/N):

Date:

Sequence ID/ Work Center ID

120

QC

Quality Control

Operation **Description**

QC3- Inspect Part Finish

Memo

Memo

Set Up/ **Run Hours**

0.00

0.00

Plan Draw Rev. Code

Accept **Qty**

Reject **Qty**

Run

Reject Number Stamp

Insp.

130

Skidtubes Skidtubes

Skidtubes

0.00

0.00

1-Drill pilot holes using drill jig DT8149, DT8711-2 & DT8711-3 (Do not use cutting fluid)

2-Open holes to 0.500" as per Dwg D2906 without cutting fluid

3-Deburr and blow out all chips from inside of tube

4-Bond web in place per QSI 015. Allow 12 Hrs. cure time before cutting Pick:

Qty []Part Number[] Description [][]Batch 0 M 112429000 A/R DDD Sikaflex-291

Sikaflex expire date: 12/8/30 Start Time: 1' 45 Date:

P/N

D2926-3

pick:

Qty

description Web

110/3/9

Page 3

March 4, 2010 11:17:34 AM

Item ID:

D209-669-043

Accept

Setup Start

Stop



Revision ID:

Item Name:

Required Date: 3/19/10

Replacement Skidtube

Start Date:

3/04/10

QC:

Start Qty: 1.00

Req'd Qty: 1.00



Cust Item ID: Customer:

Reference:

Approvals:

Process Plan:

Date:

Date: **Tooling:**

SPC (Y/N):

Date:

Date:

Run Start

Stop



Sequence ID/ Work Center ID

140



CNC Delta 100 Bender

Operation Description

Set Up/ **Run Hours**

Draw Number

Draw Rev.

Plan Code

Accept Qty

Reject Reject Qty Number

Insp. Stamp

BENDING MACHINE - CROSSTUBES

Memo

0.00

0.00

1-Bend as per program COB43FWD & COBRAFT on CNC Bender and Folio FT

2-Cut tubes as per Dwg. D2906 & per template-DT8185B & DT8185BC

10.03.10

0.00

150

Skidtubes

Skidtubes

Skidtubes

Memo

0.00

1-Countersink holes as per Dwg D2906 without cutting fluid

Memo

2-Deburr ends

3-Prepare tube for welding, remove alodine as required.

160

Quality Control

QC5- Inspect part completeness to step on W/O

0.00



March 4, 2010 11:17:37 AM

Required Date: 3/19/10

Item	ID:
------	-----

D209-669-043

Accept



Setup Start



Revision ID:

Item Name:

Replacement Skidtube

Start Date:

3/04/10

Start Qty: 1.00

Req'd Qty: 1.00



Cust Item ID: Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Start Run

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/ **Work Center ID**

170

Skidtubes

Skidtubes

Operation Description Set Up/ **Run Hours** Draw Number

Plan Rev. Code

Accept **Qty**

Reject Oty

Reject Insp. Number Stamp

Large Fab

Memo

0.00

0.00

1-Weld crossbolt spacers D2579 as per Dwg. D2906 and QSI 004. For D2579 spacers, weld one side, pass 3/8" drill, weld other side, pass 3/8"

drill

A/RUGU Aluminum Rod

m113207

2-Grind welds as per Dwg D2906 Grind flush ridge made from bending

3-Drill holes for wearplates using DT8217 Open holes to 19/64", adjust stopper not to hit web. Deburr

4-Counterbore crossbolt spacers to 7/16" ID x 1.0" deep as per Dwg D2906, Deburr holes

5-Drill pilot holes for aft & fwd cap using DT8215 open holes to #6" Deburr

6-Drill pilot holes for Tow ring using DT8091-3, open to .640" and Deburr

Work Order ID 56670

March 4, 2010 11:17:37 AM

Page 5

Item ID:

D209-669-043

Accept



Setup Start

Stop



Revision ID:

Item Name:

Replacement Skidtube

Start Date:

Required Date: 3/19/10

3/04/10

Start Qty: 1.00

Req'd Qty: 1.00



Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Start Run

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/

Work Center ID

180

Quality Control

Operation Description

QC10- Inspect visual per QSI004- ground welds

Set Up/ **Run Hours**

Draw Number Draw Plan Rev. Code

Accept Qty

Reject Qty

Reject Number

Insp. Stamp

Memo

8 10 (cms/15

0.00

190

QC5- Inspect part completeness to step on W/O

0.00

Quality Control

200

Pressure Wash per QSI005 4.3

Memo

HandFinish

treatedine ASPCRPAR-ONS

0.00 -) M 10/03/27

Hand Finishing

March 4, 2010 11:17:43 AM

Item ID:

D209-669-043

Accept



Setup Start



Revision ID:

Item Name:

Replacement Skidtube

Start Date:

3/04/10

Start Qty: 1.00

Req'd Qty: 1.00



Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

0.00

0.00

____ Date:

Run

Start

Stop

QC:

Required Date: 3/19/10

i i ocess i iai

Date:

SPC (Y/N):

Date:

Draw

Rev.

Plan

Code

Stop

Reject

Number

Insp.

Stamp

Sequence ID/ Work Center ID

210

Powdercoat

Powder Coating

Operation Description

White Gloss(Ref:4.3.5.1) per QSI005 4.3-Alum

M113170

Memo

START TIME: (130 P M OVEN TEMPERATURE: 320 9 F FINISH TIME: 2 , 000 2 M Set Up/ Run Hours

Il 10/03/23

Draw

Number

(XI)

Qty

Accept

Ø

Reject

Qty

220

.

0.00

0.00

BK 10-3-23

DØ.

Memo

OC3- Inspect Part Finish

Quality Control

Page 7

March 4, 2010 11:17:43 AM

Required Date: 3/19/10

Item ID:

D209-669-043

Accept



Setup Start

Stop

Start



Revision ID:

Item Name:

Replacement Skidtube

Start Date:

3/04/10

QC:

Start Qty: 1.00

Req'd Qty: 1.00



Cust Item ID: Customer:

Reference:

			. 1
A	DE	rova	us:

Process Plan:

Date:

Date:

Tooling:

SPC (Y/N):

Date:

Date:

Stop

Run

Sequence ID/ **Work Center ID**

230



HandFinish

Hand Finishing

Operation Description

HandFinishing

Set Up/ **Run Hours** Draw Number

Draw Rev.

Plan Accept Qty Code

Reject Qty

Reject

Number Stamp

Memo

0.00

1-Install inserts & wearplates as per Dwg. D2906. Use a drop of Sikaflex oninsert holes before installing wearplates

A/R EICH Sikaflex-291

Sikaflex expire date:

2-Coat D2594-3 O' rings with Petroleum Jelly and install on D2594-1 plugs as per Dwg D2906

3-Inspect for foreign object per QSI 024

4-Install D2855 Fwd & Aft Cap as per Dwg D2906 and seal Fwd & Aft Cab with Sikaflex. Clean excess adhesise

A/R [7 [7]] Sikaflex-291

Sikaflex expire date:

5-Wing Walk as per Dwg D2906 and QSI 005 4.4

H 10-3-24 0.

Work Order ID 56670

March 4, 20,10 11:17:48 AM



Page 8

Item ID:

D209-669-043

Accept



Setup Start

Stop



Revision ID:

Item Name:

Replacement Skidtube

Start Date:

3/04/10

Start Qty: 1.00

Required Date: 3/19/10

Req'd Qty: 1.00



Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/ Work Center ID

240

Quality Control

Operation **Description**

QC5- Inspect part completeness to step on W/O

Set Up/ **Run Hours**

Draw Number

Draw Plan Rev. Code

Accept **Qty**

Reject Qty

Reject Insp. Stamp Number

Memo

Inspect Aft Cap, Fwd Step and Wing Walk of work to Current Step Inspect for

Foreign objects per OSI 024

250

Packaging Packaging

Packaging

Memo

0.00 Identify and pack for shipping as per PPPD209-669-043

Location:

260

QC21- Final Inspection - Work Order Release

0.00

0.00

Quality Control

Memo

0.00

10/04/12 A) 10/04/12 A) MF 10-4-9

March 4, 2010 11:16:11 AM

Work Order ID: 56670

Parent Item:

D209-669-043 Parent Item Name: Replacement Skidtube

Comments:

new IPP 08.02.13 LL, verified by: DD

Manufactured

No



Start Date: 3/04/10

Start Qty: 1.00

Required Date: 3/19/10

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D2500-1-190		Manufactured	No			110	Each	77.0000	1.0000		-	

Ext'n -'I' Beam Tube 4"

D2926-3

Warehouse Location	Lo	c Oty	Loc Code	N		10-3	9
Main Warehouse					M.	.0	~ ~
LG		74					/
52319		74					
Main Warehouse						/	
ST		3				/	
46468		3					
	110	Each	1.0000	1.0000		(7
							,

Web				
	Warehouse	Loc Oty	Loc Code	
	<u>Location</u>			
	Main Warehouse			
	ST	1		
	52066	1		

M10/3/9

				•	
					•
		·			
	<i>:</i> •				
i					
•					

March 4, 2010 11:16:11 AM

Work Order ID: 56670

D209-669-043

Parent Item Name:

Replacement Skidtube

Comments:

Parent Item:

new IPP 08.02.13 LL, verified by: DD

Start Date: 3/04/10

Required Date: 3/19/10

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name

Replacement Mfg/ Item ID

Purch

Manufactured

Bin Primary Item Location

No

Last Location Route Seq ID

170

Unit of Measure

Each

Qty on Hand

Remaining Qty Qty To Pick Issued Date Issued

Status

D2579

Crossbolt Spacer

176.0000 19.0000

		I		I	
1	ш	ш	ш		u

<u>Warehouse</u>	Loc Qty	Loc Code	
Location			
Main Warehouse			
LG	54		
51525	4		
53780	3		
54543	18		
56145	29		
Main Warehouse			
ST	122		
43988	4		
46434	4		
46956	2		
47797	9		
48272	2		
51314	71		
51315	30		

B 56715



BE 10/03/15

March 4, 2010 11:16:11 AM

Work Order ID: 56670 Parent Item:

D209-669-043

Parent Item Name:

Replacement Skidtube

Comments:

new IPP 08.02.13 LL, verified by: DD



Start Date: 3/04/10

Required Date: 3/19/10

Page 3

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D2855		Manufactured	No			230	Each	145.0000	2.0000			-

Cap

Warehouse	Loc Qty
<u>Warehouse</u>	Loc Qty

Location Main Warehouse

> ST026 50513 50770 51539

145 37 106

1,411.000 4.0000

53791 AN3-5A 230 Each Purchased No



Bolt

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST	1411	
100188	188	
	1223	

Loc Code

The 10-3-24.

2 /2 10-3-24

Pi	ck	lis	t	P	ri	nt

March 4, 2010 11:16:11 AM

Page 4

Work Order ID: 56670

D209-669-043

Parent Item Name:

Replacement Skidtube

Comments:

Parent Item:

new IPP 08.02.13 LL, verified by: DD



Start Date: 3/04/10

Required Date: 3/19/10

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name

Replacement Mfg/ Item ID

Purch

Bin Primary Location Last Location Route Seq ID

Unit of Qty on Measure Hand

Remaining Qty **Qty To Pick** Issued Date Issued

Status

AN960JD10L

Purchased

No

230

Each

3,181.000 4.0000

Washer

ALS7-1032-130

Warehouse	· <u>I</u>	oc Qty	Loc Code	
Location				
Main Warehouse				
ST		3181		
101291		16		
105793		49		
110985)	3116		
	230	Each	986.0000	44.0000

Loc Otv

Insert

Purchased

Warehouse

No



Loc Code

AL54-1032-130

Location	
Main Warehouse 110 511	7
ST	986
108606	52
111529	130
111779	34
112772	11
113238	759

14. bl. 10-3-24.

bl10-3-24.

March 4, 2010 11:16:12 AM

Parent Item:

Work Order ID: 56670

D209-669-043

Parent Item Name:

Replacement Skidtube

Comments:

new IPP 08.02.13 LL, verified by: DD



Start Date: 3/04/10

Required Date: 3/19/10

Start Qty: 1.00

Required Qty: 1.00

Component	Item	ID/
Item Name		

Replacement Mfg/ Item ID

Purch

Purchased

Bin Primary Item Location

No

Last Location Route Seq ID

230

Unit of Measure

Each

Qty on Hand

Remaining **Qty To Pick**

Qty Issued Date Issued

Status

Page 5

AN3C4A

BOLT

1,333.000 44.0000

Warehouse	Le	Loc Oty		
Location				
Main Warehouse				
ST		1333		
112314		13		
112720		12		
112724		3		
112829		1		
112991		2		
113121		64		
113226		344		
113644		294		
113749		100		
114103		500		
	230	Each	388.0000	44.0000

AN960C10L

Purchased

No



washer

NAS149C03322

Warehouse	Loc Oty	Loc Code
<u>Location</u>		
OFFSHORE		
FG 11 3691	100	
103585	100	
Main Warehouse		
ST	288	
112116	128	
112612	160	

44,	B	10-3-24.

-44 Bl 10-3-21.

	•								
W/O:			W	ORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE				Date (ity ci	pproval hief Eng / Prod Mgr	Approval QC Inspector

	į								
Part No):	PAR #:	Fault Cate	egory: No	CR: Yes	No DQA:	<u> </u>	Date:	
Resolution: Disp		Disposition	on: Q	A: N/C CI	osed:		Date:		
NCR:	,,	\	WORK ORD	ER NON-CONFORMANC	E (NCR	3)			
		Description of NC		Corrective Action Section B		Verificat	ation Annual	nnroval	Approval
DATE	STEP	STEP Description of NC Section A		Initial Action Description Chief Eng Chief Eng		Section		Approval Chief Eng	Approval QC Inspector

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
		Description of NC	Corrective Action Section B			Verification	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	🖔 Section C	Chief Eng	Approval QC Inspector
						i		
			1					ŀ

Page 6 March 4, 2010 11:16:13 AM

Work Order ID: 56670

D209-669-043

Parent Item Name:

Replacement Skidtube

Comments:

Parent Item:

new IPP 08.02.13 LL, verified by: DD

Manufactured

Start Date: 3/04/10

Required Date: 3/19/10

Start Qty: 1.00

Required Qty: 1.00

Date

Issued

Component Item ID/
Item Name

Replacement Mfg/ Item ID Purch Bin Primary Item Location

No

Last Location Route Seq ID

230

Unit of Measure Hand

Each

Qty on

Remaining Qty To Pick Issued

Qty

Status

D2594-3

O-Ring, 205 Skidtube

564.0000 14.0000

Warehouse	Loc Oty	Loc Code
Location		
Main Warehouse		
FP	511	
51613	27	
51613 55546	484	
Main Warehouse		
ST	53	
52562	53	

H. St 10-3-24.

W/O:		WORK ORDER CHANGES							
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / , Prod Mgr	Approval QC Inspector		
Part No) :	PAR #: Fault Category:	NCR: Yes	No DQ	A:	Date:			

NCR:		WORK ORDER NON-CONFORMANCE (NCR)									
		Description of NC		Corrective Action Section B		Verification	Annroyal	Approval QC Inspector			
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng				
•											
•											

March 4, 2010 11:16:14 AM

Work Order ID: 56670

Parent Item:

D209-669-043

Parent Item Name:

Replacement Skidtube

Comments:

new IPP 08.02.13 LL, verified by: DD



Start Date: 3/04/10

Required Date: 3/19/10

Required Qty: 1.00

Date

Issued

Component Item ID/ Item Name

Replacement Mfg/ Item ID

Purch

Manufactured

Bin Primary Item Location

No

Last Location

Route Seq ID

230

Unit of Measure

Each

Qty on Hand

Remaining **Qty To Pick**

Start Qty: 1.00

Qty Issued

Status

D2594-1

Plug, 205 Skidtube

625.0000 14.0000

Warehouse Loc Qty Loc Code Location Main Warehouse FP 497 14. ft 10.3-24. 54008 1 54643 15 55002 481 Main Warehouse ST 128 42221 16 42807 92 43884 3 46435 2 51527 51757

W/O:			WO	RK ORDER CHANG	SES	· · · · · · · · · · · · · · · · · · ·			
DATE	STEP	PRO	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector		
						,	:		
Part No	:	PAR #:	Fault Categ	jory:	_ NCR: Yes	No DQ	A:	Date:	
Resolution:			Disposition	:	QA: N/C (Closed:		Date: _	
NCR:			WORK ORDE	ER NON-CONFORM	ANCE (NC	R)			
DATE	STEP	Description of NC		tion B		cation		Approval	
	0,2,	Section A	Initial Actio	Action Description Chief Eng			ion C	Chief Eng	QC Inspector
		,					x		
İ					1				

March 4, 2010 11:16:14 AM

Work Order ID: 56670

Parent Item:

D209-669-043

Parent Item Name:

Replacement Skidtube

Comments:

new IPP 08.02.13 LL, verified by: DD

Manufactured

No



Start Date: 3/04/10

Required Date: 3/19/10

Page 8

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
Item Name	Item ID	Purch	Item	Location	Location	Seq ID	Measure	Hand	Qty To Pick	Issued	Issued	
D3564-9		Manufactured	No			230	Each	21.0000	1.0000			



Wearshoe

<u>Warehouse</u>	Loc C	<u>ty</u>	Loc Code		
Location					
Main Warehouse					
FP19		19			
55025		7			
55334		12			JA 10-3-24.
Main Warehouse					
ST		2			
44659		1			
45825		1			
	230	Each	12.0000	1.0000	



Wearshoe

Warehouse Location	Loc Oty	Loc Code	
Main Warehouse	,		
FP19	10		
52125	1		
55332	9		
Main Warehouse			
ST	2		
45823	1		
501,12	1		
56834	,		# ph 10-3-24.

W/O:	-	WORK ORDER C	WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector		
ı									
Part No) :	PAR #: Fault Category:	NCR: Yes	No DQ	A:	 Date:			

Resolution: _____ Disposition: ____ QA: N/C Closed: ____ Date: ____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)									
		Description of NC		Corrective Action Section B				Approval			
DATE S'	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Verification Section C	Approval Chief Eng	QC Inspector			
					j						
				Th							
NOTE: D	⊥	all entries			<u>_</u>	1	<u> </u>				

March 4, 2010 11:16:22 AM

Work Order ID: 56670

D209-669-043

Parent Item Name:

Replacement Skidtube

Comments:

Parent Item:

new IPP 08.02.13 LL, verified by: DD



Start Date: 3/04/10

Required Date: 3/19/10

Required Qty: 1.00

Component Item ID/ Item Name

Replacement Mfg/ Item ID Purch Bin Primary Item Location Last Location

47433

Route Seq ID Unit of Qty on Measure Hand

Remaining Qty To Pick Issued

Start Qty: 1.00

Date Issued

Qty

Status

D3564-5

Manufactured

No

230

Each

37.0000

1.0000

Wearshoe

Warehouse	Loc Qty	Loc Code
Location		
OFFSHORE		
FG	2	
34806	2	
Main Warehouse		
FP19	33	
51925	1	
54772	7	
55024	12	
55333	13	
Main Warehouse		
ST	2	
45824	1	

Jel 10-3-24.

DATE STEP	PROCEDURE CHANGE	Ву			Approval	
l l		_ by	Date	Qty	Chief Eng / Prod Mgr	Approval QC Inspector
						st.
			W			

Part No:		PAR #:	Fault Category:	NCR: Yes No DQA:	Date:
	Resolution:		Disposition:	QA: N/C Closed:	Date:

NCR:		WORK ORDER NON-CONFORMANCE (NCR)									
_		Description of NC		Corrective Action Section B				Approval			
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Verification Section C	Approval Chief Eng	QC Inspector			
					1						

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March 4, 2010 11:16:22 AM

Work Order ID: 56670

D209-669-043

Parent Item Name:

Replacement Skidtube

Comments:

Parent Item:

new IPP 08.02.13 LL, verified by: DD





Start Date: 3/04/10

Required Date: 3/19/10

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
Item Name	Item ID	Purch	Item	Location	Location	Seq ID	Measure	Hand	Qty To Pick	Issued	Issued	
D3566-1	<u> </u>	Manufactured	No			230	Each	25.0000	2.0000			



Warehouse	Loc Oty	Loc Code	
Location			1 0
Main Warehouse			2 6/ 120 21
FP 56532	20		<u>2.</u> bk 10-3-24
52512	3		
54480	1		·
55011	1		
55320	15		
Main Warehouse			
ST	5		
46349	1		
51218	1		
51259	3		

W/O:		WORK ORDER CHANGES							
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector		
 -									

Part No:		PAR #:	Fault Category:	NCR: Yes No DQA:	Date:
F	Resolution:		Disposition:	QA: N/C Closed:	Date:

NCR:			WORK ORD	ER NON-CONFORMAN	CE (NCR)			
		Description of NC		Corrective Action Section B		Verification	Approval	Annroyal
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspecto
							}	

March 4, 2010 11:16:27 AM

Work Order ID: 56670

Parent Item:

D209-669-043

Parent Item Name:

Replacement Skidtube

Comments:

new IPP 08.02.13 LL, verified by: DD



Start Date: 3/04/10

Start Qty: 1.00

Required Date: 3/19/10

Required Qty: 1.00

Component Item ID/ Item Name

Replacement Mfg/ Item ID

Purch

Bin **Primary** Item Location Last Location

Route Seq ID

Unit of Measure

Each

Qty on Hand

Remaining Qty Qty To Pick Issued

Date Issued

Status

Page 11

D3566-5

Manufactured

No

230

27.0000

1.0000

Warehouse	Loc Oty	Loc Code	
Location			
Main Warehouse			
FP19	23		
55026	· 11		
55335	12		1 12 10-3-24.
Main Warehouse			
ST	4		
36113	I		
46186	1		
47318	1		·
51260	1		
31200	1		

W/O: WORK ORDER CHANGES						
STEP	PROCEDURE CHANGE			Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
	STEP					STEP PROCEDURE CHANGE By Date Qty Chief Eng /

Part No:	·	PAR #:	Fault Category:	NCR: Yes No DQA:	Date:
	Resolution:	····	Disposition:	QA: N/C Closed:	Date:

NCR:	WORK ORDER NON-CONFORMANCE (NCR)							
		Description of NC Corrective Action Section B			Verification	Approval	Approval	
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspecto
				16				
				•				
						7464		
	1 1							·

QTY	QTY	Part Number	Decembries
-041	-043	Part Number	Description
X X	-043	D2906-041	SKIDTUBE ASSEMBLY
-^-	×	D2906-043	SKIDTUBE ASSEMBLY
		D2300-043	SKIDTOBE ASSLINDET
1	1	D2500-1-190	EXTRUSION
22	19	D2579	CROSS BOLT SPACER
12	14	D2594-1	PLUG
12	14	D2594-3	O-RING
2	2	D2855	AFT CAP
1		D2926-1	WEB
	1	D2926-3	WEB
1	1	D3564-9	WEARSHOE (REPLACES D2577-1)
1	1	D3564-11	WEARSHOE (REPLACES D2577-3)
1	 	D3564-5	WEARSHOE (REPLACES D2577-5)
1		D3564-15	WEARSHOE (KEP BACES B2377-3)
2	2	D3566-1	GASKET
1	1	D3566-5	GASKET
1	<u>'</u>	D3566-15	GASKET
-		D0000-10	GAGNET
50	44	ALS7-1032-130	INSERT
"		or AKS7-1032-130	1102111
		or AKS4-1032-130	İ
		or ALS4-1032-130	
50	44	AN3C4A	BOLT
4	4	AN3-5A	BOLT
50	44	AN960C10L	WASHER
4	4	AN960JD10L	WASHER

GENERAL NOTES:

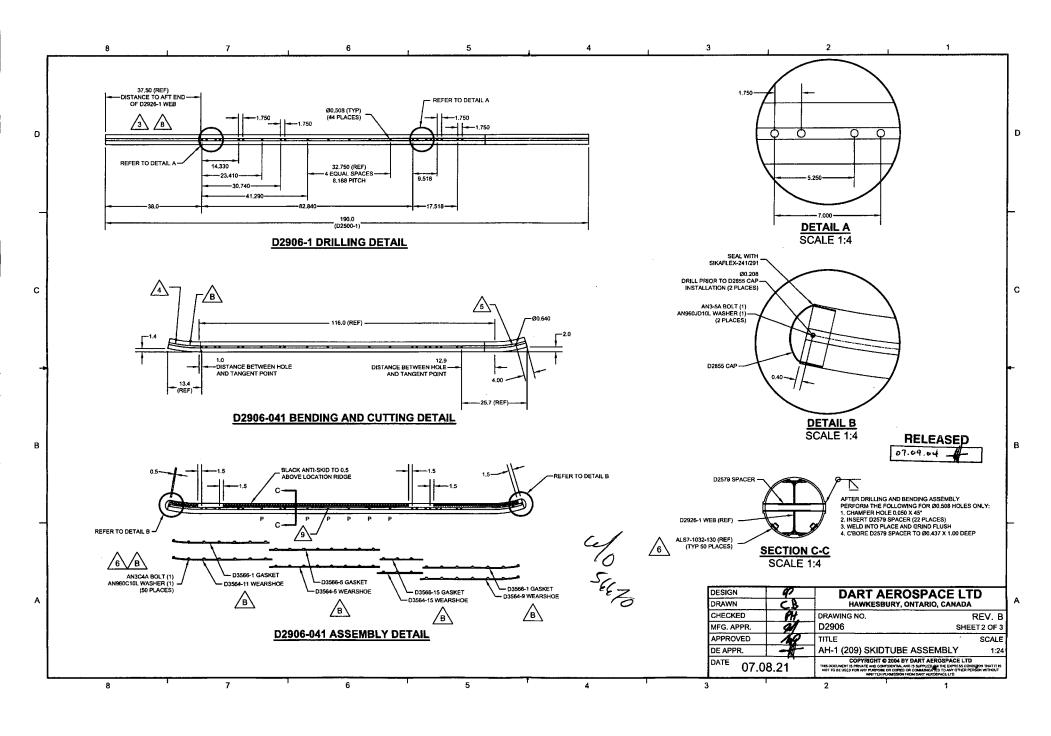
- 1) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED.
- 2) LENGTH OF D2500-1 EXTRUSION BEFORE BENDING = 190 INCHES.
- 3) INSERT D2926-1/-3 WEB TO LOCATION SHOWN OFF AFT END OF SKIDTUBE AND BOND WEB INTO OUTER TUBE WITH NON-STRUCTURAL SIKAFLEX-241/291 ADHESIVE PER DART QSI 015 BEFORE BENDING. ENSURE HOLES LINE-UP.
- 4) BEND AS A SMOOTH RADIUS STARTING WITH A MAXIMUM CENTERLINE RADIUS OF 60 AND ENDING WITH A MINIMUM RADIUS OF 30. A MAXIMUM REDUCTION OF 0.200 IN DIAMETER IS ALLOWABLE IN THE BENT PORTION OF THE TUBE.
- 5) BEND AS A SMOOTH RADIUS STARTING WITH A MAXIMUM CENTERLINE RADIUS OF 60 AND ENDING WITH A MINIMUM RADIUS OF 30. A MAXIMUM REDUCTION OF 0.200 IN DIAMETER IS ALLOWABLE IN THE BENT PORTION OF THE TUBE.
- 6) USE DART DRILL TEMPLATE DT2906-041T1 (D2906-041) OR DT2906-043T1 (D2906-043) TO LOCATE AND DRILL Ø0.297 HOLES FOR WEARSHOE INSERTS. INSTALL ALS7-1032-130 PER SECTION C-C AFTER FINISH. INSTALL AN3C4A BOLTS AND AN960C10L WASHERS WITH SIKAFLEX-241/291.
- 7) WELDING TO BE DONE PER DART QSI 004.
- 8) FINISH:

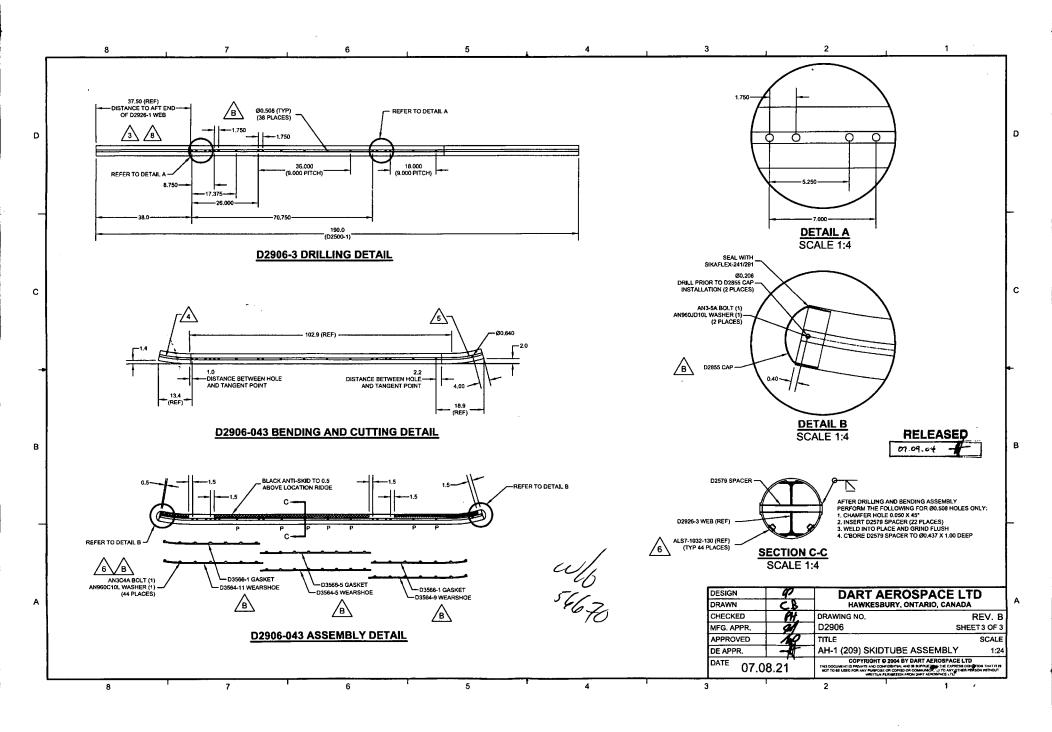
ACID ETCH, ALODINE PER DART QSI 005 4.1 PRIOR TO INSERTING D2926-1/-3 WEB. POWDER COAT ASSEMBLY WHITE (REF 4.3.5.1) PER DART QSI 005 4.3 BLACK ANTI-SKID PAINT AS INDICATED PER DART QSI 005 4.4

- INSERT D2594-1 PLUG CW D2594-3 O-RING IN HOLES MARKED 'P' (BOTH SIDES OF TUBE) AFTER FINISH (12 PLACES).
- 10) ALL DIMENSIONS ARE IN INCHES.

RELEASED

В	ADD S' CHANG PG 1: A PG 2 C PG 3 C	E DRAWING F FAINLESS STE GE WEARPLAT DD NOTE 10; 7: REMOVE AF 3: CORRECTE 7: 38 PLACES	СВ	07.08.21			
Α	NEW ISSUE				04.06.22		
REV.			DESCRIPTION	BY	DATE		
DESIGN		P	DART AEROSP	ACE LTD			
DRAWN		CB	HAWKESBURY, ONTARI				
CHECKE	D	PH.	DRAWING NO.		REV. B		
MFG. AP	PR.	91	D2906	5	SHEET 1 OF 3		
APPRO\	/ED	149	TITLE		SCALE		
DE APP	DE APPR. AH-1 (209) SKIDTUBE ASSEMBLY						
DATE 07.08.21 COPYRIGHT © 2004 BY DART AEROSPACE L THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS NOT TO BE USED FOR ANY PURPOSE OF COPED OR COMMUNICATED TO ANY OTHE WRITTEN PERMISSION FROM DART AEROSPACE LTD.					SS CONDITION THAT IT IS		





NO. dale

AWS D17.1.2001 QUALIFICATION TEST RECORD

Name: Bardan Elliett	
Job number: 56 1294	
Part number: D205 634.041	
Description: 205 skid tube	
Welding Process: Tig[Mig[]	
Base materiel: Aluminiam	
Current: AC[DC[]	

TEST REQUIREMENTS AND RESULTS

pass[/ fail]
pass[] fail[]
pass[/ fail[]
pass[fail[]
pass[] fail[]
pass[-] fail[]
pass[] fail[]
pass[] fail[]
_Date of Test Coupon_10.02.23
_ Date of Test Coupon_10-02-23

The above named individual is qualified in accordance with AWS D17.1.2001 to weld